



R & R

RECOGNIZE & REWARD

October 2023



Banner
University Medical Center
Tucson



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON

Medical Imaging



**INTERVENTIONAL
RADIOLOGY**

WELCOME LUCAS STRUYCKEN, MD

- ▶ DOCTOR OF MEDICINE
KECK SCHOOL OF MEDICINE OF USC
- ▶ GENERAL SURGERY RESIDENCY
HARBOR UCLA MEDICAL CENTER
- ▶ DIAGNOSTIC RADIOLOGY RESIDENCY
UNIVERSITY OF ARIZONA – BANNER UNIVERSITY MEDICAL
CENTER TUCSON
- ▶ INTERVENTIONAL RADIOLOGY INDEPENDENT RESIDENCY
UNIVERSITY OF ARIZONA – BANNER UNIVERSITY MEDICAL
CENTER TUCSON



WELCOME Jamie Iverson

- ▶ We are pleased to welcome **Jamie Iverson** as our new Reading Room Assistant. She is the first of the six pending assistants that will, when fully staffed, provide reading room coverage during the day, evenings and on weekends.
- ▶ Jamie has a Certified Medical Assisting Degree and brings 14 years of experience as a professional assistant.
- ▶ As a part of her assignment, Jamie will facilitate communications with referring physicians and technologists. She will also help prepare cases for tumor board.
- ▶ Find Jamie in the MRI Suites space. She works Mondays through Fridays from 7 am – 3 pm.



WELCOME BABY BOY

Congratulations to
Dr. Ilaria Vittoria De Martini on her
bundle of joy,
Noah Elliot Daniele Lunde
born August 7th.
The family is thrilled to welcome
him into the world!!



Ilaria Vittoria De
Martini
Neuroradiology Head & Neck
Fellow





WELCOME, NEW BABY

Congratulations to the Sabottke family on the arrival of their adorable baby boy!

Ethan James Sabottke
arrived healthy and strong
October 12



Carl Sabottke, MD
4th Year DR Resident and
Proud Father



NEW STUDENT WORKER

- ▶ Please join us in welcoming **Carmen Duran**, our newest student worker.
- ▶ Carmen is a UArizona undergraduate studying pre-Law.
- ▶ A fan of dogs and cats, and most musical styles (apart from heavy metal), look for Carmen at the reception desk in HSIB 71 on Wednesdays and Fridays.



CELEBRATING NUCLEAR MEDICINE AND MOLECULAR IMAGING WEEK

Bital Savir-Baruch, MD and Avanka Lowe, MD celebrated

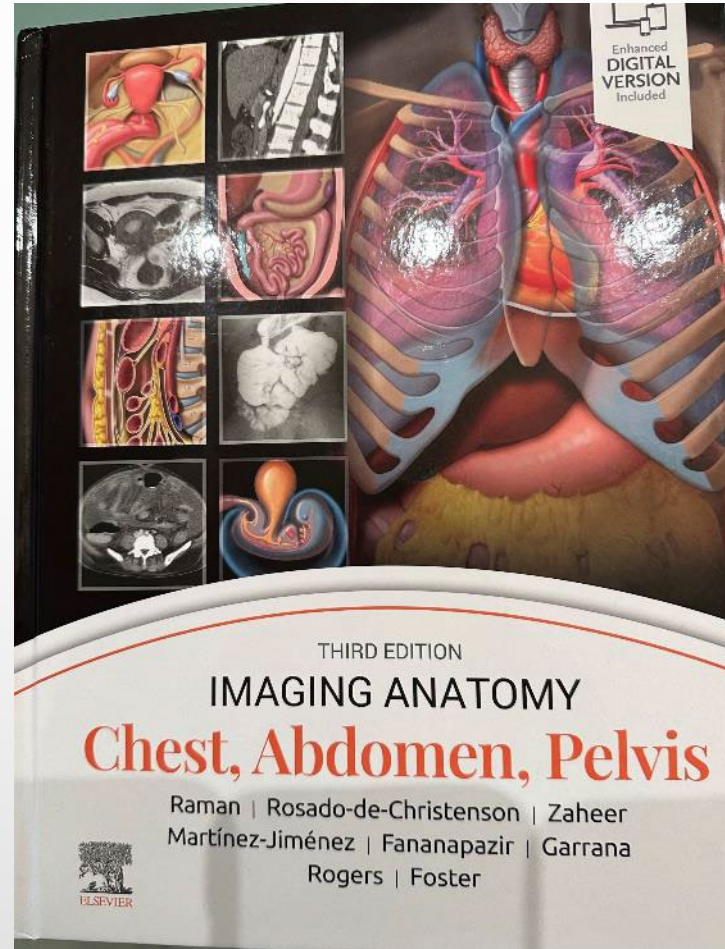
Nuclear Medicine and Molecular Imaging Week by providing pizza lunch to the teams at both BUMC-T and BUMC-N.

They are thankful for the dedication and hard work always put forward in the Department of Nuclear Medicine.



NEW BOOK

- ▶ **Imaging Anatomy: Chest, Abdomen, Pelvis 3rd Edition**, *SP Raman, ML Rosado-de-Christenson, A Zaheer, S Martínez-Jiménez, G Fananapazir, SH Garrana, D Rogers, BR Foster*, October 9, 2023, [Hardback ISBN: 9780443118005](https://www.elsevier.com/books/imaging-anatomy-chest-abdomen-pelvis/9780443118005)
- ▶ “...excellent point-of-care resource for practitioners at all levels of experience and training. Written by global leaders in the field, *Imaging Anatomy: Chest, Abdomen, Pelvis*, third edition, contains specifics about radiographic, multiplanar, high-resolution, and cross-sectional body imaging along with thousands of relevant examples to give busy clinicians quick answers to imaging anatomy questions...”



Melissa Rosado de Christenson, MD,
FACR, FAAWR

PUBLICATIONS

- ▶ **Prediction of Response of Hepatocellular Carcinoma to Radioembolization: Machine Learning Using Preprocedural Clinical Factors and MR Imaging Radiomics.** *O Ince, H Önder, M Gençtürk, H Cebeci, J Golzarian, S Young.* *J Vasc Interv Radiol.*, 2023 Feb;34(2): [235-243.e3](#)
- ▶ **Evaluation of Inflammatory Scores in Metastatic Colorectal Cancer Patients Undergoing Transarterial Radioembolization.** *S Young¹, R Ragulojan², S Todatry², D D'Souza², J Golzarian², S Flanagan² & T Sanghvi³.* *Cardiovascular and Interventional Radiology* v 46, [209–219](#) (2023)
- ▶ **Ablation of Cervical Lymph Nodes in Patients with Thyroid Cancer: A Comparison between Cryoablation and Percutaneous Ethanol Injection.** *S Young¹, T Chen², J Golzarian² and T Sanghvi³.* *J Vasc Interv Radiol.*, 2023-05-01, [Volume 34, Issue 5, Pages 777-781.e1](#)
- ▶ **Lung Shunt Fraction Calculations before Y-90 Transarterial Radioembolization: Comparison of accuracy and clinical significance of planar scintigraphy and SPECT/CT.** *S Young^a, S Flanagan^b, D D'Souza^b, S Todatry^b, R Ragulojan^b, T Sanghvi^c, J Golzarian^b* *Diagn Interv Imaging.* 2023 Apr; [104\(4\):185-191](#)



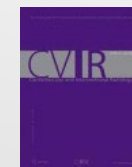
Shamar Young, MD

PUBLICATIONS

- ▶ **Prostate Artery Operator Learning Curves, Affirmation of the Safety of Widespread Adaption.** *S Young*¹. Cardiovascular and Interventional Radiology [volume 46, pages 238–239 \(2023\)](#)
- ▶ **Cancer Immunology: Impact of Radioembolization of Hepatocellular Carcinoma on Immune Response Modulation.** *P Torkian*¹, *M Haghshomar*², *K Farsad*³, *S Wallace*¹, *J Golzarian*¹, and *S Young*⁴ AJR Am J Roentgenol. 2023 [Jun;220\(6\):863-872](#)
- ▶ **Cost Matters: A Rigorous Economic Analysis of PAE with Comparison to TURP.** *S Young*¹. Cardiovascular and Interventional Radiology volume 46, [Aug;46\(8\):1036-1037](#)
- ▶ **A History and Modern Framework for Quality Improvement in Interventional Radiology.** *DM Caplin*¹, *S Young*², *M Krassin*³, *JD Dowell*⁴, *MS Makary*⁵, *ZA Metwalli*⁶, *RA Charalel*⁷, *NJ Halin*⁸, *M Kleedehn*³, *P B Lewis*⁹, *T J Ward*¹⁰, *RP Shah*¹¹. J Vasc Interv Radiol. 2023 [Jul 28:S1051-0443\(23\)00557-2](#)
- ▶ **Pre-existing Hepatic Encephalopathy: Really a Contraindication to Elective TIPS?** *P Torkian*¹, *S Wallace*², *N Lim*³, *S Flanagan*², *J Golzarian*², *S J Young*⁴ Cardiovascular and Interventional Radiology [\(2023\) Oct 5](#)



AJR



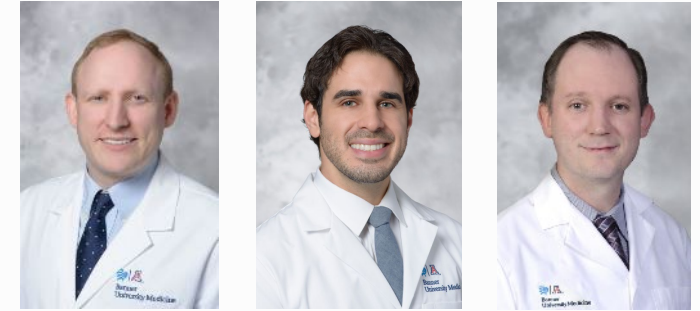
Shamar Young, MD

PUBLICATIONS

▶ **Role of the Interventional Radiologist in the Treatment of Desmoid Tumors.**

*Daniel Goldberg*¹, *Gregory Woodhead*¹, *Jack Hannallah*¹, *Shamar Young*¹.

Life (Basel). 2023 [Feb 26;13\(3\):645](#)

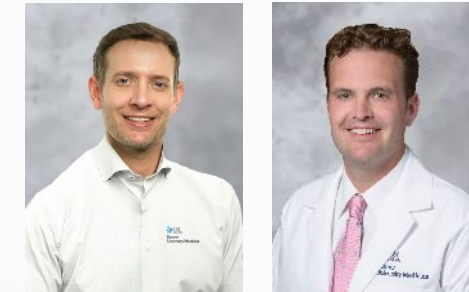


▶ **Friend or Foe? Locoregional Therapies and Immunotherapies in the Current**

Hepatocellular Treatment Landscape. *Shamar Young*¹, *Jack Hannallah*¹, *Dan Goldberg*¹,

*Tina Sanghvi*², *Junaid Arshad*³, *Aaron Scott*³, *Gregory Woodhead*¹ Int J Mol Sci. 2023 Jul

14; [24\(14\):11434](#)



▶ **Measurement of the Tumor to Normal Ratio for Radioembolization of Hepatocellular Carcinoma: A Prospective Study Comparing 2-D Perfusion Angiography, 99mTc-MAA, and 90Y SPECT/CT.**

*Christopher P Brunson*¹, *Hugh J McGregor*², *Charles T Hennemeyer*³, *Mikin V Patel*⁴, *Gregory J Woodhead*⁵, *Shamar J Young*⁶. J Vasc Interv Radiol.

2023 Sep 30: [S1051-0443\(23\)00718-2](#)

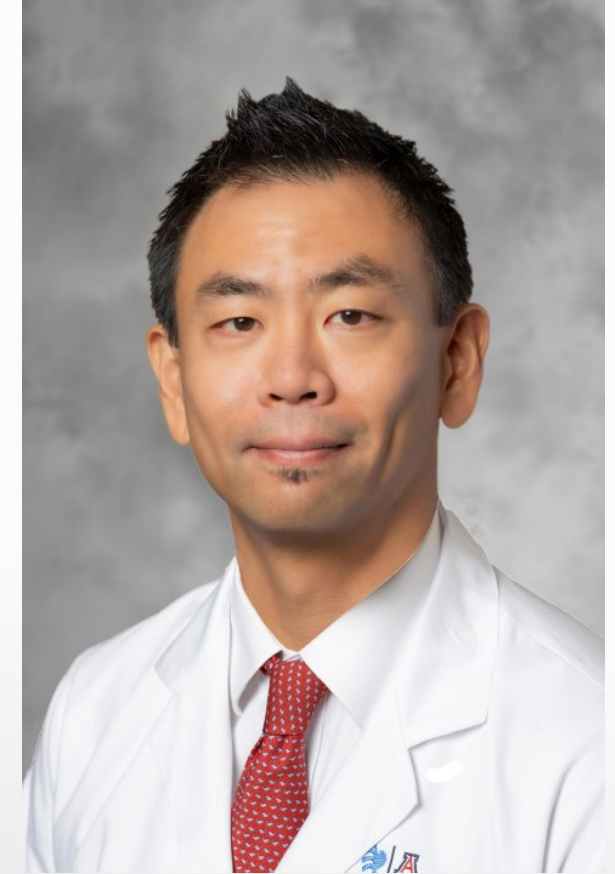
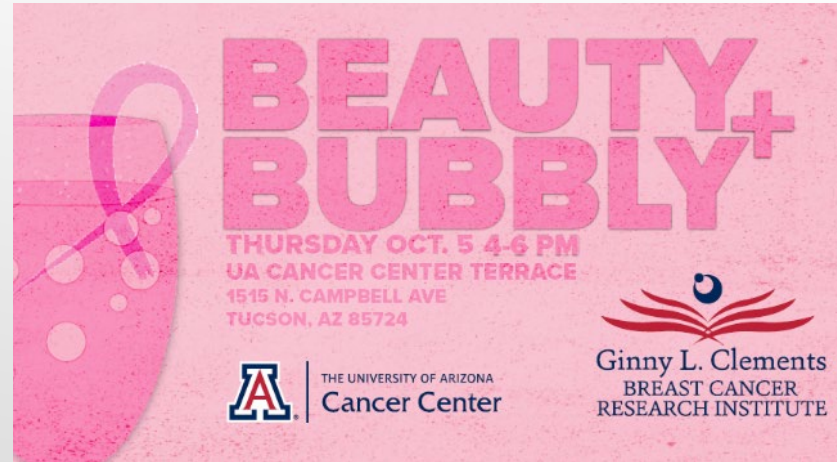


Dan Goldberg, MD, Jack Hannallah, MD, Charles Hennemeyer, MD, Greg Woodhead, MD, and Shamar Young, MD

PRESENTATION

Breast Imaging Division Chief **Alan Chiang**, was invited to speak at the University of Arizona Cancer Center Breast Cancer Awareness [event](#) held on October 5.

Dr. Chiang shared information pertaining to breast cancer screening with mammography and MRI.



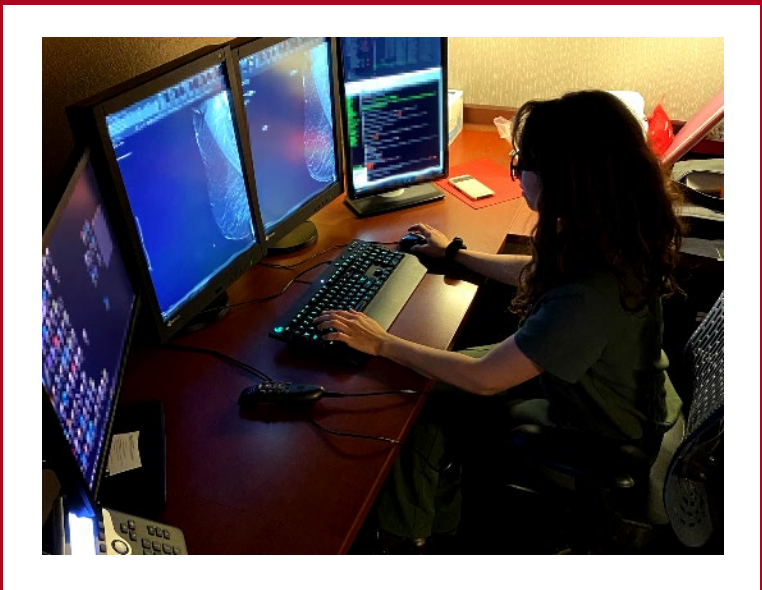
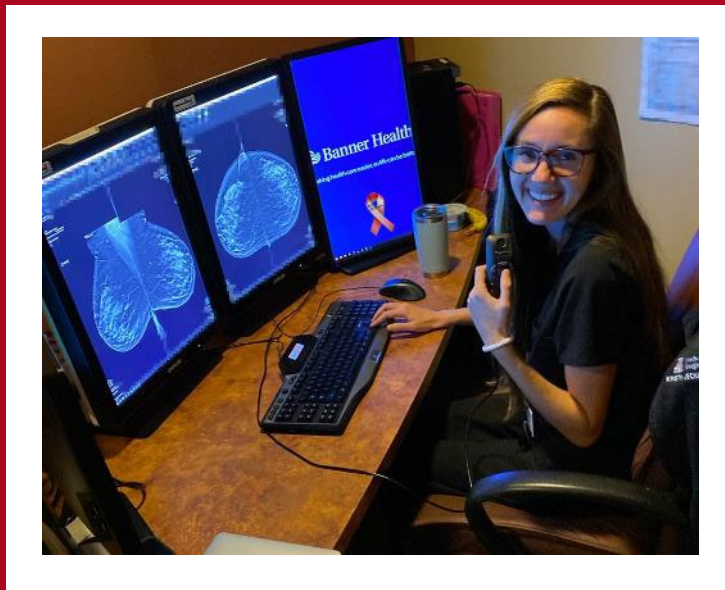
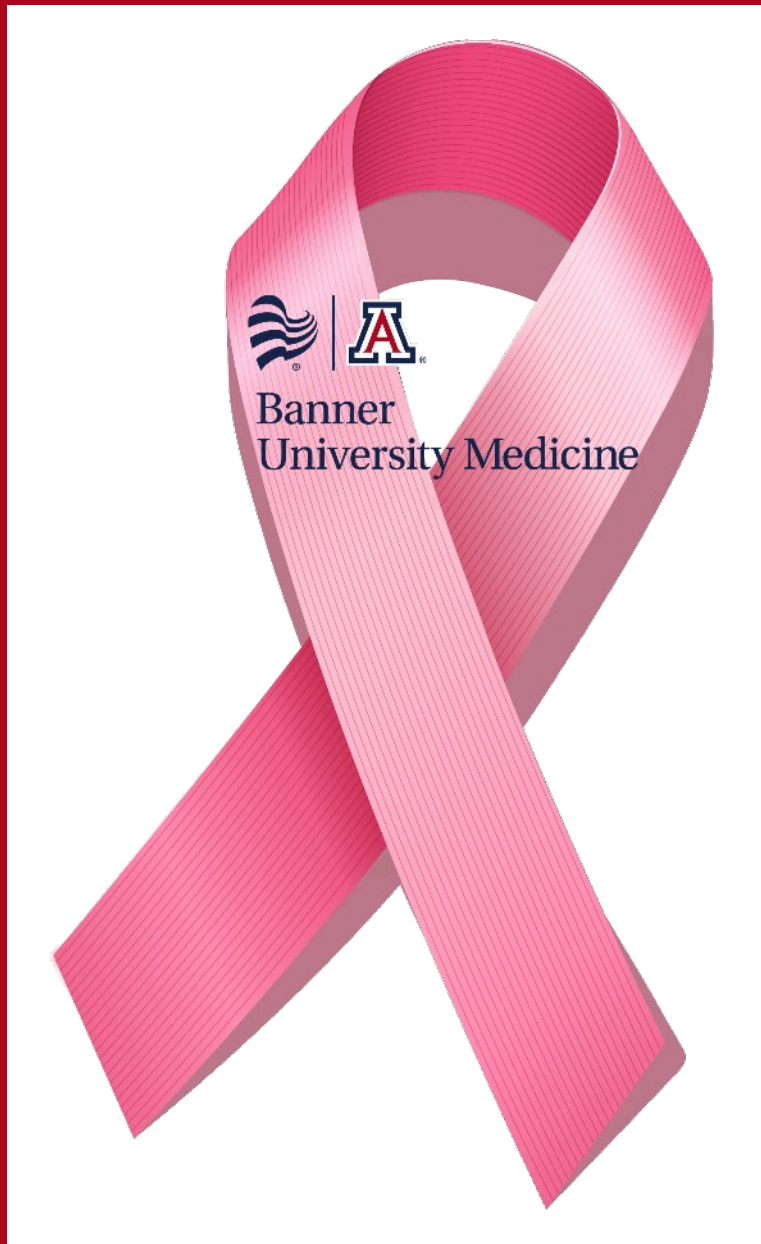
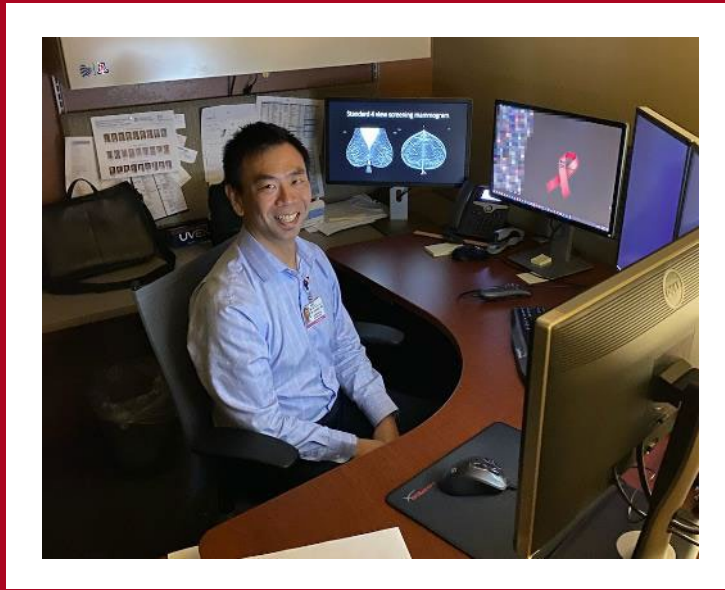
Alan Chiang, MD, PhD

SPECIAL SATURDAY MAMMOGRAMS

Celebrating Breast Cancer Awareness Month in October, the Imaging team at [Banner – University Medicine](#) offered Saturday appointments for mammograms on the following Saturdays:
October 7, 21 and 28.

The team helped to amplify the message that having regular mammograms can help find breast cancer at an early stage, when treatment is most likely to be successful.





PRESENTATION

Medical Imaging Professor **Melissa Rosado de Christenson**, represented the Division of Cardiothoracic Imaging at an international meeting in Barcelona. She participated as a featured speaker in the premier course titled *State of The Art in Chest Imaging*.



Melissa Rosado de Christenson,
MD, FACR, FAWR

PRESENTATION

An Intriguing Relationship: Subspecialty-Based wRVU/procedure and Annual wRVU Production

Geoff Rubin
Dan Crawley
University of Arizona
Banner University Medical Group - Tucson

SCARD



SCARD 2023 Fall Meeting | October 19-20 | Santa Ana Pueblo, NM



Geoffrey Rubin, MD, MBA, FACR
Department Chair and Professor
Medical Imaging



Dan Crawley, MBA, RT, R, CT
Senior Director
Medical Imaging

ANNUAL MEETING: IUS



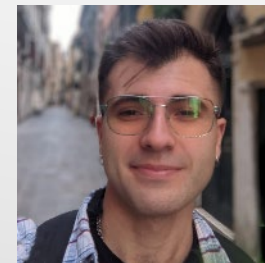
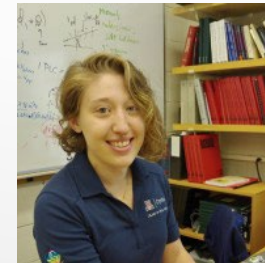
Professor **Russell Witte**, participated in the International Ultrasonics Symposium, which was held in in Montreal, September 3-8, 2023

Dr. Witte is pictured at a round-table discussion with world-renowned pioneers in ultrasound imaging and engineering.



ANNUAL MEETING: IUS

- ▶ Dr. Witte's Graduate Student **Chris Salinas** (PhD, Opt Sci) was awarded the Visualsonics Travel Grant to present at the IEEE IUS Meeting in Montreal (2023) "Shortwave Photoacoustic Imaging with Heavy Water Coupling: Application to Skin Cancer and Wound Healing"
- ▶ Dr. Witte's Graduate Student **Margaret Allard** (PhD, Opt Sci) was Honorable Mention for Best Student Poster at IEEE IUS Meeting in Montreal (2023). "Validating US Targeting Accuracy using MRI-based Neuronavigation with Transcranial Acoustoelectric Brain Imaging"
- ▶ **Teo Trujillo** (Research Scientist, MI) awarded a travel grant to present at the 2023 IEEE IUS Meeting in Montreal (2023) "In Vivo Transcranial Acoustoelectric Imaging of Deep Brain Stimulation Currents in Acute Swine Model"

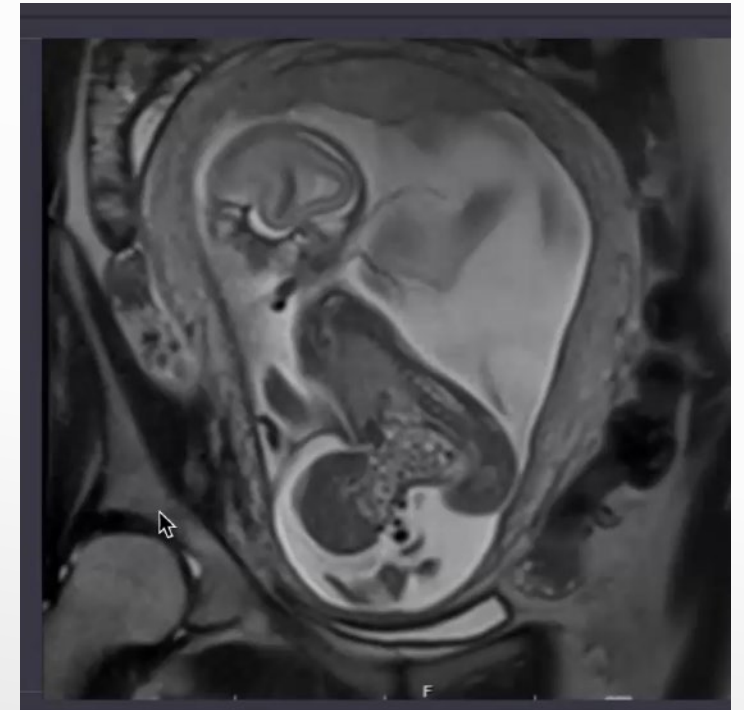


Russell Witte, PhD



INNOVATION STORIES: Pediatric Imaging

- ▶ The new B-UMCT fetal surgery center resulted in the need for a **Fetal Imaging Program**
- ▶ The Division of Pediatric Imaging has grown to extend their service and enhance value with the hospital
- ▶ Brian Lightwine, DO, was recruited to lead the program
- ▶ Dr. Lightwine
 - ▶ Oversees and interprets all fetal imaging studies
 - ▶ Holds regular meetings with Fetal Surgery
 - ▶ Meets with families who have a Fetal MRI
- ▶ The collaboration is already resulting in a happy referral base as further growth and development of the fetal imaging program is anticipated
- ▶ Recent KOLD 13 News feature [“Critical fetal care center brought to Tucson, first of its kind in the Southwest”](#)



Fetal MRI

OCTOBER



ALEXANDER TOWBIN, MD



GRAND ROUNDS

*Evaluating and Selecting
Technology*

presented October 18, 2023



*view w UA NetID



COLLEGE OF MEDICINE TUCSON
Medical Imaging



RESEARCH COLLOQUIUM

Collaboration with Wyant College of Optical Sciences

Join us to Meet Kevin Harkins, PhD



Faculty Candidate
Colloquium

- Monday, October 16
- COM-T, Room 2117
- 3 pm - 4 pm

Research Assistant Professor,
Department of Radiology and Radiological
Sciences
Department of Biomedical Engineering



Wyant College
of Optical Sciences



optical
engineering

COLLOQUIUM

Open to the Public

Yeran Bai

Postdoctoral Researcher
University of California, Santa Barbara



OCT 26 | 3:30 PM

**Capturing Heat, Illuminating Life:
Photothermal Infrared Microscopy in
Biomedical Research**

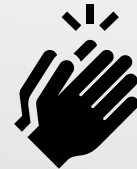
3:30 PM Refreshments, 3rd Floor Lobby
3:45 PM Seminar, Meinel 307

FANTASTIC FEEDBACK

Vice Chair of Education, Dorothy Gilbertson, MD, shared positive feedback she received from an attending physician in the Department of Medicine.

2nd Year Diagnostic Radiology Resident **Sami Ahmed** was complimented for his continuous preparedness and thorough review of the images he is assigned to assess.

The attending physician mentions that Dr. Ahmed is a joy to work with.



Sami Ahmed, DO



The 1st Annual MI Chili Cookoff was held October 17



Congratulations to winner Hannah Barney (wife of Nicholas Barney – RI). Her Chili Blanco took first prize. Faculty, Residents and Staff enjoyed sampling the five entries and a variety of corn bread recipes.

ALUMNI NEWS

Former Diagnostic Radiology
Resident

Shahad Al Bayati (Class of 2021)
was married on February 11, 2022.

Congratulations to the newlyweds
Mr. and Mrs. Shahad and
Mohammed Qaisi



ALUMNI NEWS

Former Diagnostic Radiology
Residents

Laura Steinmeyer
and **Matthew Neill**
(graduating class of 2021)
were married on
September 9, 2023.

Congratulations to the
Newlyweds!





Faculty Offices
Redesign Project
Update:
Photos as of
10/20/23







May the Force
Be with You